

Research Studentships (for students of a course that does not award an academic degree)

Applications are open for 1 Research Studentship, within the framework of project LA/P/0083/2020 - IST-ID financed by national funds through FCT, under the following conditions:

Scientific Area: Environment and Energy

Admission Requirements:

a) to hold a master degree and be enrolled at a course that does not award an academic degree and it is integrated in the educational project of a higher education institution, performed in association or cooperation with one or several R&D units;

b) not to exceed with this contract, including the possible renovations, an accumulated period of two years in this type of studentship, continuously or with interruptions.

Workplan: Following the work that has been performed in the thematic area LIFE, particularly towards the development and test of an advanced diagnostic technique for the detailed characterization of velocity fields, with application to biomedical flows (e.g. microcirculation) it is now intended to develop an improved algorithm for advanced particle tracking using machine learning. The algorithm should be tested in relevant case studies.

Legislation and Regulations: Statute of Scientific Research Fellow, approved by Law nr. 40/2004, of August 18, as worded by Decree-Law nr. 123/2019, of August 28; FCT Regulation for Research Studentships and Fellowships, available on <https://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2019.pdf> and <https://dre.pt/application/file/a/127230968>.

Workplace: The work will be developed at IN+ of LARSyS/IST-ID, under the scientific supervision of Prof Ana Sofia Oliveira Henriques Moita.

Duration: The research fellowship will have a duration of 3 months. It's expected to begin in October/2025, and it is not renewable.

Monthly maintenance allowance: According to the values for Research Fellowships awarded by FCT in Portugal (<https://www.fct.pt/fct-atualizou-o-valor-das-bolsas-para-2025/>), the amount of the monthly maintenance allowance is € 1309,64, being the payment method an option of the Fellow by Wire Transfer/Check.

Selection methods: The selection methods will be the following: *Curriculum evaluation 80%, with an eventual individual interview 20% (for the candidates with the highest scores in the curriculum evaluation)*. The curriculum evaluation addresses the respective weight of 40% for curricular experience and 40% for experience relevant for the project.

Composition of the selection Jury: Professor Paulo Manuel Cadete Ferrão, Professor Edgar Caetano Fernandes, e Professora Ana Sofia Oliveira Henriques Moita.

Announcement/ notification of the results: The final evaluation results will be communicated to all applicants by email.

Deadlines and procedures of complaint and appeal. A complaint may be lodged from the final decision within 15 working days, or an appeal to the Executive Board of IST-ID within 30 working days, both counted from the respective notification

Application deadline and formalization: The call is open from August 22 until September 4, 2025.



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It is mandatory to formalize applications with the submission of the following documents: i) B1 Form – Fellowship application (<https://ist-id.pt/concursos/bolsas/>); ii) *Curriculum Vitae*; iii) academic degree certificate, where applicable; iv) proof of enrollment at an academic degree; v) motivation letter; vi) declaration on honour that the applicant does not exceed with this contract an accumulated period of two years in this type of studentship, continuously or with interruptions.

Applications must be submitted to the email: jobs@in3.tecnico.ulisboa.pt



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